

## Product datasheet for **TP308043M**

### **PSCD4 (CYTH4) (NM\_013385) Human Recombinant Protein**

#### Product data:

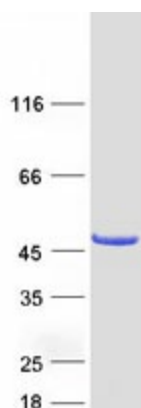
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human cytohesin 4 (CYTH4), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208043 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MDLCHPEPAELSSGETEELQRIKWHRKQLLEDIQKLKDEIADVFAQIDCFESAEESRMAQKEKELCIGRK KFNMDPAKGIQYFIEHKLLTPDVQDIARFLYKGEGLNKTAIGTYLGERDPINLQVLQAFVDCHEFANLNL VQALRQFLWSFRLPGEAQKIDRMMEAFATRYCLCNPGVFQSTDTCYVLSFSIIMLNTSLHNPNVDRPPF ERFVSMNRGINNGSDLPEDQLRNLFDISKSEPFIPEDDGNLTHTFNPDREGWLLKLGGRVKTKRR W FILTDNCLYYFEFTTDKEPRGIIPLENLSVQKVDDPKKPFCELYNPSCRGQKIKACKTDGDGRVVEGKH ESYRISATSAEERDQWIESIRASITRVPFYDLVSTRKKKIASKQ  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	45.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_037517</a></u>


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**Locus ID:** 27128  
**UniProt ID:** [Q9UIA0](#)  
**RefSeq Size:** 3138  
**Cytogenetics:** 22q13.1  
**RefSeq ORF:** 1182  
**Synonyms:** CYT4; cytohesin-4; DJ63G5.1; PSCD4

**Summary:** This gene encodes a member of the PSCD family of proteins, which have an N-terminal coiled-coil motif, a central Sec7 domain, and a C-terminal pleckstrin homology (PH) domain. The coiled-coil motif is involved in homodimerization, the Sec7 domain contains guanine-nucleotide exchange protein (GEP) activity, and the PH domain interacts with phospholipids and is responsible for association of PSCDs with membranes. Members of this family function as GEPs for ADP-ribosylation factors (ARFs), which are guanine nucleotide-binding proteins involved in vesicular trafficking pathways. This protein exhibits GEP activity in vitro with ARF1 and ARF5, but is inactive with ARF6. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Dec 2015]

## Product images:



Coomassie blue staining of purified CYTH4 protein (Cat# [TP308043]). The protein was produced from HEK293T cells transfected with CYTH4 cDNA clone (Cat# [RC208043]) using MegaTran 2.0 (Cat# [TT210002]).